

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): B. Arlen Young
Assignee: Adaptec, Inc.
Title: A HARDWARE I/O CONTROL BLOCK ARRAY FOR
MIRRORED DATA TRANSFERS (AS AMENDED)
Serial No.: Unknown Filed: February 12, 2004
Divisional of Serial No. 10/051,907 Filed January 16, 2002
Examiner: Tanh Q. Nguyen Group Art Unit: 2182
Docket No.: ADPT105102

Monterey, CA
February 12, 2004

Mail Stop Patent Application
Honorable Commissioner for Patents
P.O. BOX 1450
ALEXANDRIA, VA. 22313-1450

INFORMATION DISCLOSURE STATEMENT
UNDER §1.97 (b)

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98,
Applicant(s) wish to call the following documents (a copy of
each is enclosed) to the attention of the Examiner.

U.S. PATENT DOCUMENTS

| | DOCUMENT NUMBER | DATE | NAME |
|----|--------------------|------------|----------------|
| 1) | 5,592,648 | 01/07/1997 | Schultz et al. |
| 2) | 5,764,903 | 06/09/1998 | Yu |
| 3) | 5,944,800 | 08/31/1999 | Mattheis et al |
| 4) | 5,974,502 | 10/26/1999 | DeKoning et al |
| 5) | 6,044,444 | 03/28/2000 | Ofek |

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|-----|-----------------|------------|-------------------|
| 6) | 6,098,129 | 08/01/2000 | Fukuzawa et al |
| 7) | 6,269,431 B1 | 07/31/2001 | Dunham |
| 8) | 6,477,591 B1 | 11/05/2002 | VanderSpek |
| 9) | 6,496,908 B1 | 12/17/2002 | Kamvysselis et al |
| 10) | 6,530,035 B1 | 03/04/2003 | Bridge |
| 11) | 6,574,709 B1 | 06/03/2003 | Skazinski et al |
| 12) | 6,581,143 B2 | 06/17/2003 | Gagne et al |
| 13) | 6,587,935 B2 | 07/01/2003 | Ofek |
| 14) | 6,598,134 B2 | 07/22/2003 | Ofek et al. |
| 15) | 2002/0103966 A1 | 08/01/2002 | Wu et al. |
| 16) | 2002/0103968 A1 | 08/01/2002 | Grover |

OTHER DOCUMENTS

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| 1) | "Preliminary Amendment" for U.S. Patent Application entitled "A HARDWARE I/O CONTROL BLOCK STRUCTURE FOR MIRRORED AND NON-MIRRORED DATA TRANSFERS," of B. Arlen Young filed on February 12, 2004 (Attorney Docket No. ADPT105101) 6 pages. |
| 2) | "Preliminary Amendment for U.S. Patent Application entitled "A METHOD FOR CONFIGURING A SINGLE HARDWARE I/O CONTROL BLOCK ARCHITECTURE FOR USE WITH BOTH MIRRORED AND NON-MIRRORED DATA TRANSFERS," of B. Arlen Young filed on February 12, 2004 (Attorney Docket No. ADPT105103) 6 pages. |

Only the Preliminary Amendments for the related divisional applications are provided, because the specifications for the related divisional applications are identical to the specification in the instant application.

A PTO form 1449 listing these documents is enclosed.

Citation of the above documents shall not be construed as:

1. an admission that the documents are necessarily prior art with respect to the instant invention;

2. a representation that a search has been made, other than as described above; or

3. an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

The Commissioner is hereby authorized to charge any additional fees, which may be required to consider this paper, or credit any overpayment to Deposit Account No. 50-0553.

Respectfully submitted,



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Attorney for Applicant(s)
Reg. No. 32,899
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EXPRESS MAIL LABEL NO.
EV 329978895 US

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| Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i> | | | | Atty Docket No. ADPT105102 | | Serial No. Unknown | |
| | | | | Applicant(s) B. Arlen Young | | | |
| | | | | Filing Date February 12, 2004 | | Group 2182 | |

| U.S. PATENT DOCUMENTS | | | | | | | |
|-----------------------|----|-----------------|------------|-------------------|-------|-----------|----------------------------|
| EXAMINER INITIAL | AA | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLAS S | FILING DATE IF APPROPRIATE |
| | AA | 5,592,648 | 01/07/1997 | Schultz et al. | 711 | 114 | |
| | AB | 5,764,903 | 06/09/1998 | Yu | 709 | 208 | |
| | AC | 5,944,800 | 08/31/1999 | Mattheis et al | 710 | 23 | |
| | AD | 5,974,502 | 10/26/1999 | DeKoning et al | 711 | 114 | |
| | AE | 6,044,444 | 03/28/2000 | Ofek | 711 | 162 | |
| | AF | 6,098,129 | 08/01/2000 | Fukuzawa et al | 710 | 65 | |
| | AG | 6,269,431 B1 | 07/31/2001 | Dunham | 711 | 162 | |
| | AH | 6,477,591 B1 | 11/05/2002 | VanderSpek | 710 | 38 | |
| | AI | 6,496,908 B1 | 12/17/2002 | Kamvysselis et al | 711 | 162 | |
| | AJ | 6,530,035 B1 | 03/04/2003 | Bridge | 714 | 6 | 10/23/1998 |
| | AK | 6,574,709 B1 | 06/03/2003 | Skazinski et al | 711 | 119 | 09/30/1999 |

| FOREIGN PATENT DOCUMENTS | | | | | | | Translation | |
|--------------------------|----|-----------------|------|---------|-------|----------|-------------|----|
| | AL | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | YES | NO |
| | AL | | | | | | | |
| | AM | | | | | | | |
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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | |
|--|----|--|
| | AR | "Preliminary Amendment" for U.S. Patent Application entitled "A HARDWARE I/O CONTROL BLOCK STRUCTURE FOR MIRRORED AND NON-MIRRORED DATA TRANSFERS," of B. Arlen Young filed on February 12, 2004 (Attorney Docket No. ADPT105101) 6 pages. |
| | AS | "Preliminary Amendment for U.S. Patent Application entitled "A METHOD FOR CONFIGURING A SINGLE HARDWARE I/O CONTROL BLOCK ARCHITECTURE FOR USE WITH BOTH MIRRORED AND NON-MIRRORED DATA TRANSFERS," of B. Arlen Young filed on February 12, 2004 (Attorney Docket No. ADPT105103) 6 pages. |
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| Examiner | Date Considered |
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

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|--|--|--|--|---|--|------------------------------|--|
| Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i> | | | | Atty Docket No. ADPT105102 | | Serial No. Unknown | |
| | | | | Applicant(s) B. Arlen Young | | | |
| | | | | Filing Date February 12, 2004 | | Group 2182 | |

| U.S. PATENT DOCUMENTS | | | | | | | |
|-----------------------|----|-----------------|------------|-------------|-------|----------|----------------------------|
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| | AA | 6,581,143 B2 | 06/17/2003 | Gagne et al | 711 | 162 | 12/23/1999 |
| | AB | 6,587,935 B2 | 07/01/2003 | Ofek | 711 | 162 | Multiple |
| | AC | 6,598,134 B2 | 07/22/2003 | Ofek et al. | 711 | 162 | Multiple |
| | AD | 2002/0103966 A1 | 08/01/2002 | Wu et al. | 711 | 114 | 12/04/2000 |
| | AE | 2002/0103968 A1 | 08/01/2002 | Grover | 711 | 114 | 01/31/2001 |
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| | | | | | | | Translation | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | YES | NO |
| | AL | | | | | | | |
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| | AN | | | | | | | |
| | AO | | | | | | | |
| | AP | | | | | | | |

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | |
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| Examiner | Date Considered |
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